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Patent and Trademarks

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COMMENTS:

Serial No: 08/974,186
Applicant: Boyle et al.
Date Filed: November 18, 1997
Docket No.: A-378D5C

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PATENT APPLICATIONIN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Boyle et al.

Serial No.: 08/974,186

Group Art Unit No.: 1632

Filed: November 18, 1997

Examiner: Woltach, J.

For: OSTEOPROTEGERIN

Docket No.: A-378D5C

DRAFT AMENDMENT AFTER FINAL
FOR DISCUSSION ONLYAssistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please amend the application as follows:

In the claims:

49. (amended) A method of ^{administering to} increasing [regulating] levels of osteoprotegerin in a mammal [an animal] comprising ^{administering to} modifying the mammal [animal] with a nucleic acid encoding osteoprotegerin, ^{wherein said nucleic acid}

51. (amended) The method of Claim 49 wherein the mammal [animal] is a human.

52. (amended) The method of Claim 51 wherein the nucleic acid encodes osteoprotegerin comprising [comprises] the amino acid sequence as shown in Figure 9B (SEQ ID NO: 5). ^{of amino acids 180-401}

53. (amended) The method of Claim 51 wherein the nucleic acid encodes osteoprotegerin comprising [comprises] a deletion or carboxy-terminal truncation of the amino acid sequence as shown in Figure 9B (SEQ ID NO: 5).

REMARKS

Deletions and carboxy terminal truncations of osteoprotegerin (OPG) are disclosed at p. 15, lines 5-22 of the specification. An example of OPG truncated after residue 180 is set forth in Example 6, starting on p. 37, of the specification. Carboxy terminal truncations of OPG are also described in Example 7, starting on page 49, and in Example 11, starting on page 105, of U.S. Serial No. 08/706,945, filed September 3, 1996, which is a continuation-in-part application of U.S. Serial No. 08/577,788, filed December 22, 1995. The '788 application is the parent application of the instant case.

CERTIFICATE OF FACSIMILE TRANSMISSION

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being facsimile transmitted to the United States Patent and Trademark Office on the date shown below:

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